

ABSTRACT OF THE INVENTION

In the disclosed embodiment of this invention, sets of straight wire bundles are molded or otherwise encased about a cylindrical rotor casing. The straight wire bundles lie parallel to the axis of the cylindrical rotor casing. This process is an alternative to a traditional type of electric motor armature which uses a wire that is coiled around the cylindrical rotor casing. Since the wire bundles are straight and not pulled from a single wire roll, breaking and stretching of the wire is greatly reduced. The straight wire bundles are connected at their ends using a circuit cap to form a complete electrical circuit.

N:\Clients\MERITOR\lp00726\PATENT\APPLICATION.doc

G:\M\MERITOR\lp00726\PATENT\APPLICATION.doc